

## ABSTRACT OF THE DISCLOSURE

There are provided an information write device and an information read device enabling to generate highly accurate contrast signals. When a main light spot  $P_c$  is located at the center of the a groove  $G$ , the light spot  $P_c$  and sub light spots  $P_{sa}$ ,  $P_{sb}$  are each adapted to radiate a disc  $DSC$  such that the sub light spots  $P_{sa}$ ,  $P_{sb}$  radiate positions displaced from the center of the land  $L$ . The reflected beams of light from the disc  $DSC$  caused by the radiation with the light spots  $P_c$ ,  $P_{sa}$ ,  $P_{sb}$  are detected to generate push-pull signals each corresponding to the light spots  $P_c$ ,  $P_{sa}$ ,  $P_{sb}$ , respectively, in accordance with each of the detected signals. Furthermore, a signal to be obtained by amplifying an addition signal, given by adding the push-pull signals each corresponding to the sub light spots  $P_{sa}$ ,  $P_{sb}$ , with a predetermined amplification factor  $K/n$ , and a push-pull signal corresponding to the main light spot  $P_c$  are added to thereby generate a contrast signal.